



Brooklyn & Deck  
Plans

SS. ~~transom~~

Blw 1703

107.8 1/2  
85.6 1/2  
66.3 1/2

11 OCT 1910

W 144-0-0100



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Lloyd's Register  
Foundation



Debtors - 1905

Postage - 10/-

Tele. - 10/-

Postage - 10/-



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Foundation



Fremantle  
West Australia  
B.M. 1703.

R 107



W1448 - 0200

Length in feet	Width in feet	Yards in square feet
100 x 100 x 100		
100 x 100 x 100		
100 x 100 x 100		



SS. 239. 243. 244.

Midship-Section.

Scale  $\frac{1}{2}$ " = 1 Foot.

Class 100 A1

20. 7. 10.  
10. 8. 10.  
34. 8. 10.  
18. 10. 10.  
(K 243) 19. 12. 10.  
18. 2. 11.  
(A 244) 6. 2. 11.

Hatches on Poopdeck  
Length Sides Ends  
29.20" 36" .40 .40  
22.05" 36" .40 .40  
15.45" 36" .40 .40  
17.67" 36" .40 .40  
26.5" 36" .40 .40  
22.05" 36" .40 .40  
19.87" 36" .40 .40  
Deckangles of Side thickness.

Poop deck

M  
L  
M

Upperdeck

L  
Sheerstrake  
well.

2nd. Deck.

I  
H

H

G

F  
F

E

D

Rearrangement of Breaths of Side strakes  
and strainers as shown in red.

Beam Spacing  
Pillars  
Beams  
Hinges  
Stringer Plate  
Deck Plating  
Stringer Angle  
Riv.  
Deck Plating  
Stringer Riveting  
Bolts quadrupled  
Bolts treble riveted  
Bolts quadrupled  
Bolts double  
Bolts single  
Deck angles of Side thickness.

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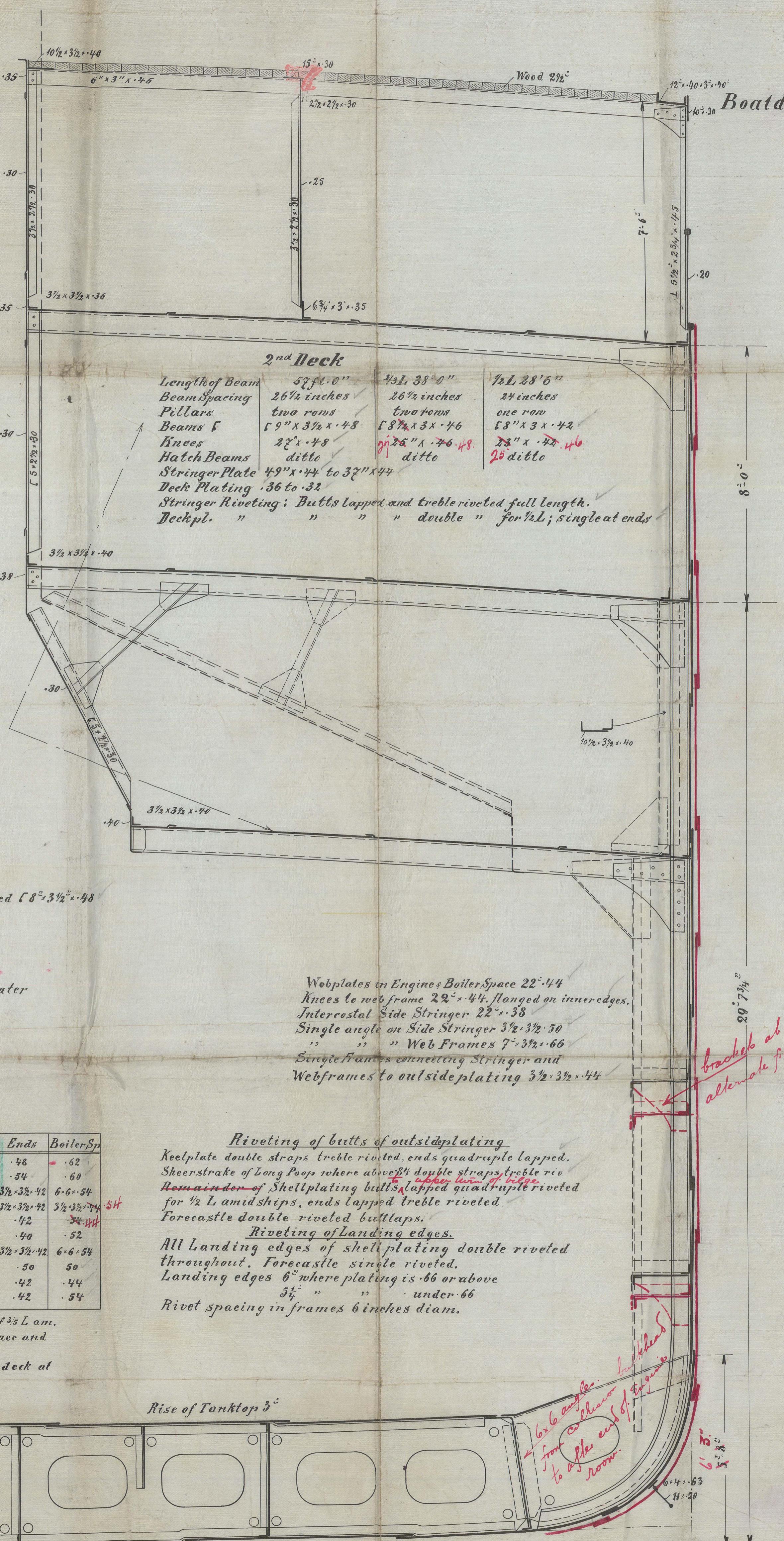
Cellular Double Bottom

Plating	% L	Ends	Engines R	Boiler Sp	Angles	% L.	Ends	Boiler Sp
Centre Girder	45.59	.49	.59	.62	Centre girder Top	53.5-52.5	.44	.62
Side Girders	.49	.58	.49	.50	" Bottom	45.5-52.5	.44	.61
Plates	.42	.58	.49	.52	" Vertical	6" x 6" x 6"	.44	.58
Brackets at Margin Pl.	.42	.58	.49	.52	Side girders Top	32.5-35.5	.44	32.5-35.5
Margin Plate	.50	.50	.50	.58	" Bottom	32.5-35.5	.44	32.5-35.5
Gussets where lower deck is riveted to stringer	.42	.58	.42	.52	" Vertical	3.5-4.2	.44	.52
Gussets where lower deck is riveted to stringer 2" frame	.42	.58	.42	.52	" Bottom	6" x 6" x 6"	.44	32.5-35.5
Middle line Strake	45.52	.42	.52	.56	Plates of bottom angle	32.5-32.5	.44	.50
Side Strakes	.40	.56	.50	.56	" Reverse frames	32.5-32.5	.44	.54

Riveting: Butts of Centre girder, Margin Plate & Middle line stroke  
lapped and treble riveted full length. Butts of tank top  
double riveted for half length, butts in Engine and boiler  
space, single ends. Edges of middle line stroke double riveted  
full length. Remainder edges double in Engine and boiler  
space, single in holds.

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Double frames on tank floors forward of 32.5 L.  
Double reverse frames in Engine Space and  
under Boiler bearers.  
Depth of Margin Plate below Lowerdeck at  
forward end reduced to 32.5



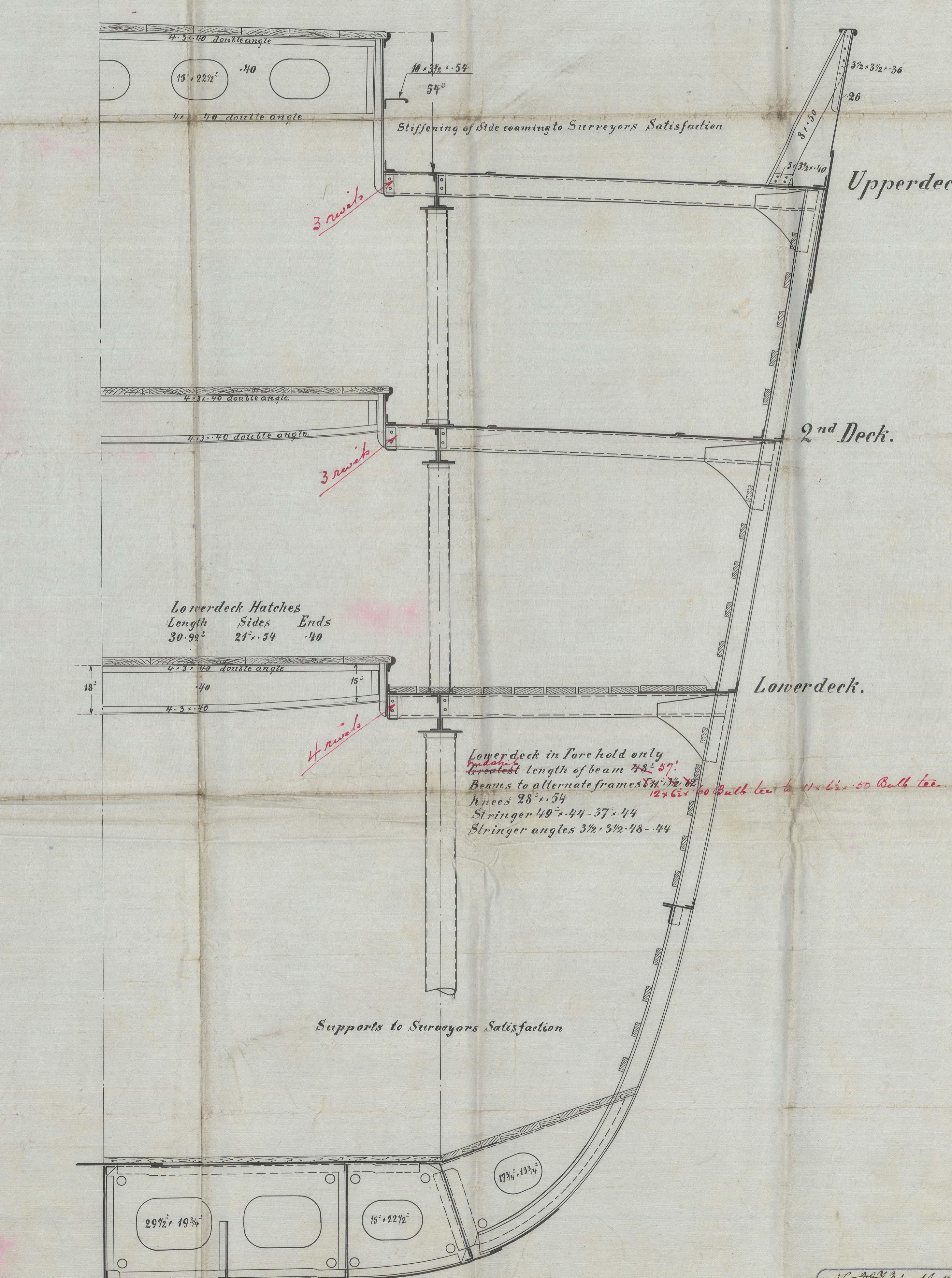
True Length 451.625 Breadth 57' 0" Depth m'd to Upperdeck 29' 7 3/4" ditto to Poopdeck 37' 7 3/4"

Breadth 57.0  
Depth 29.646  
86.646 Transverse N°  
Length 451.625  
39149 Longitudinal N°

Breadth to Length 7.923  
Depth " " to Upperdeck 15.234  
" " " " Poopdeck 11.997  
Depth d' for frames 17.046, where Lowerdeck 9.646.

Equipment.  
Under Deck 39149  
3 Power Anchors slackless Collective weight 207 Cts. 120 Fathoms 1 1/4" Stream Chain or 5" Steel wire  
3/4 Poop and Forecastle 2 564  
1 Stream Anchor incl Stock 25-2-1/4" 130 " 3/2" Steel Torulin  
3/4 Deckhouses 362  
1 Kedge Anchor " " 11-1-0 " 4x100 " Hemp Harvester  
3/4 Charthouse 11.5  
General 42 190

to be supplied  
by the owners

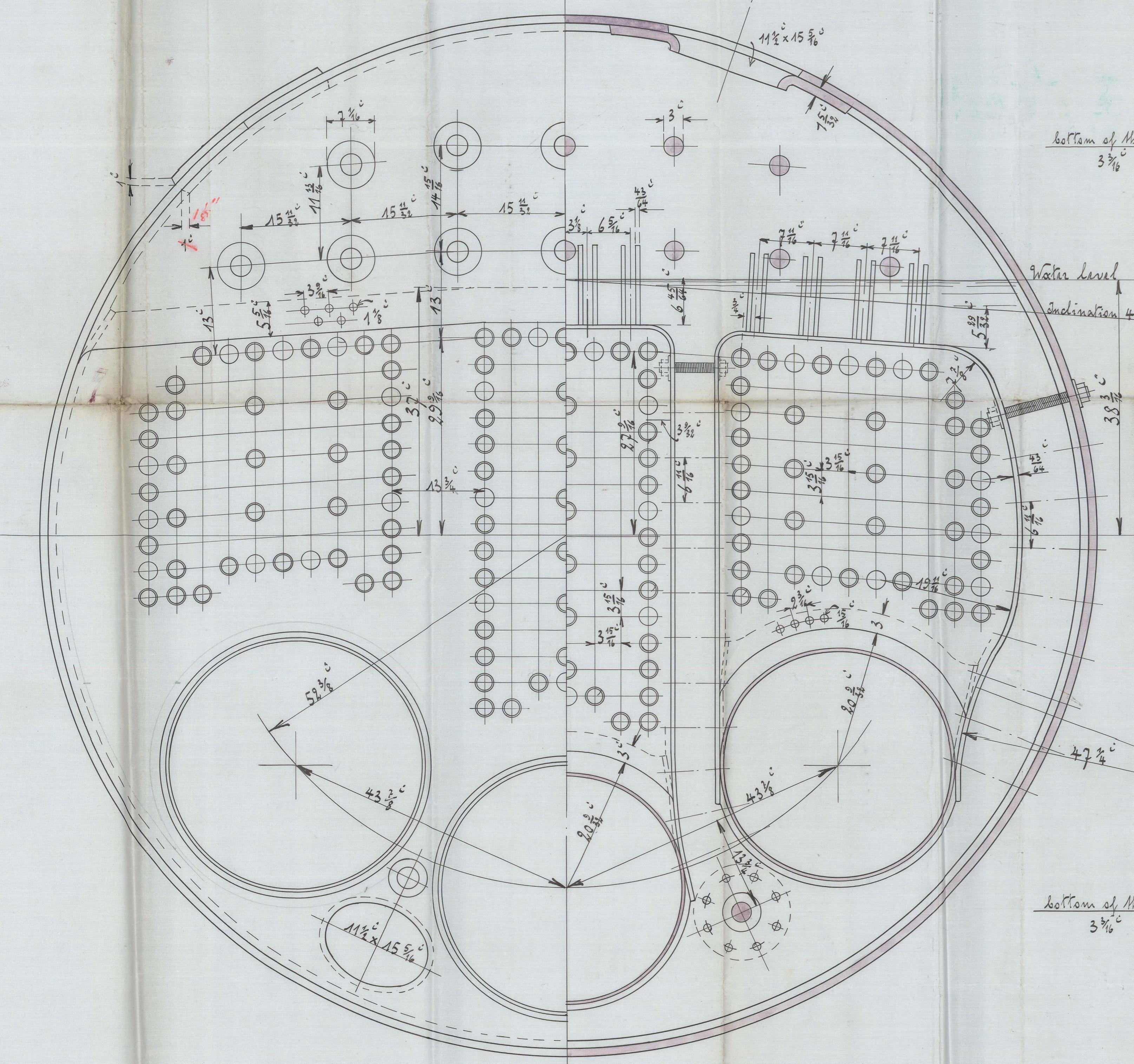


14. 8731. 16. 10545.  
JOH. C. TECKLENBORG A. C.  
SCHIFFSWEERT und WAGENFABRIK  
BREMENHAVEN-GEESTEMÜND  
6.7.11. *Signature*

Heating surface — — — 1940 square feet  
Grates — — — — — 43 " .  
Working pressure — — — 206 lbs. per square inch  
Hydraulic — " . — — 277.3 " . .

Material : Siemens Martin - Steel  
Shell plating and girders tensile strength of 27,9 - 32,4 tons  
Elongation 22,5 per cent.  
All the other material 22,9 - 26 tons per sq. inch tensile strength.  
Elongation 26 per cent.  
All stay bolts with nuts and washers; material Siemens Martin - Steel.  
Tensile strength 25,4 - 28,6 tons per sq. inch.

Thickness of shell plate  $T = \frac{206.153,8}{22.91,7} + 2 \approx \frac{17,7}{16} \approx 1\frac{7}{16}$



3/8/10

# Steel-Boiler for ships 239.

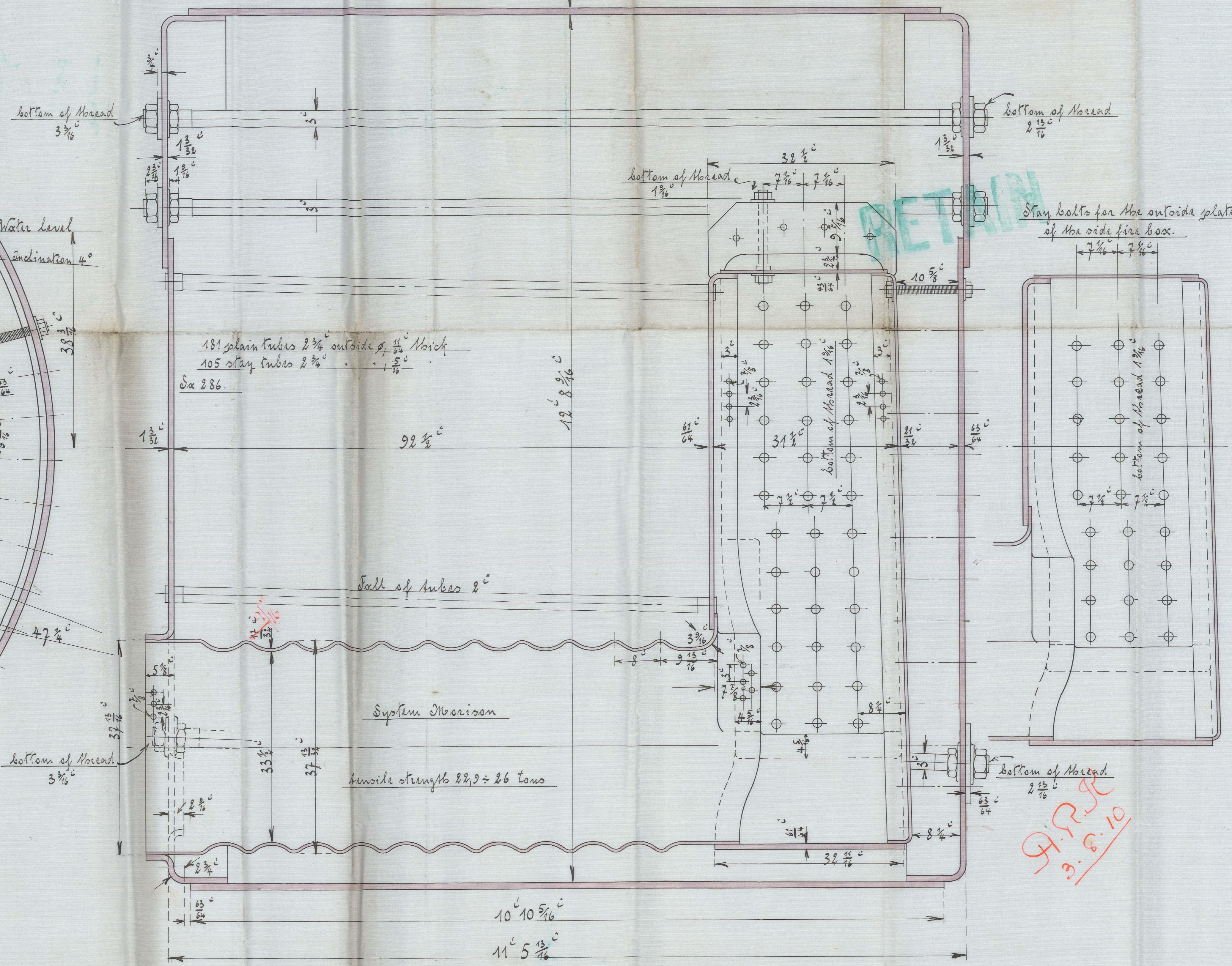
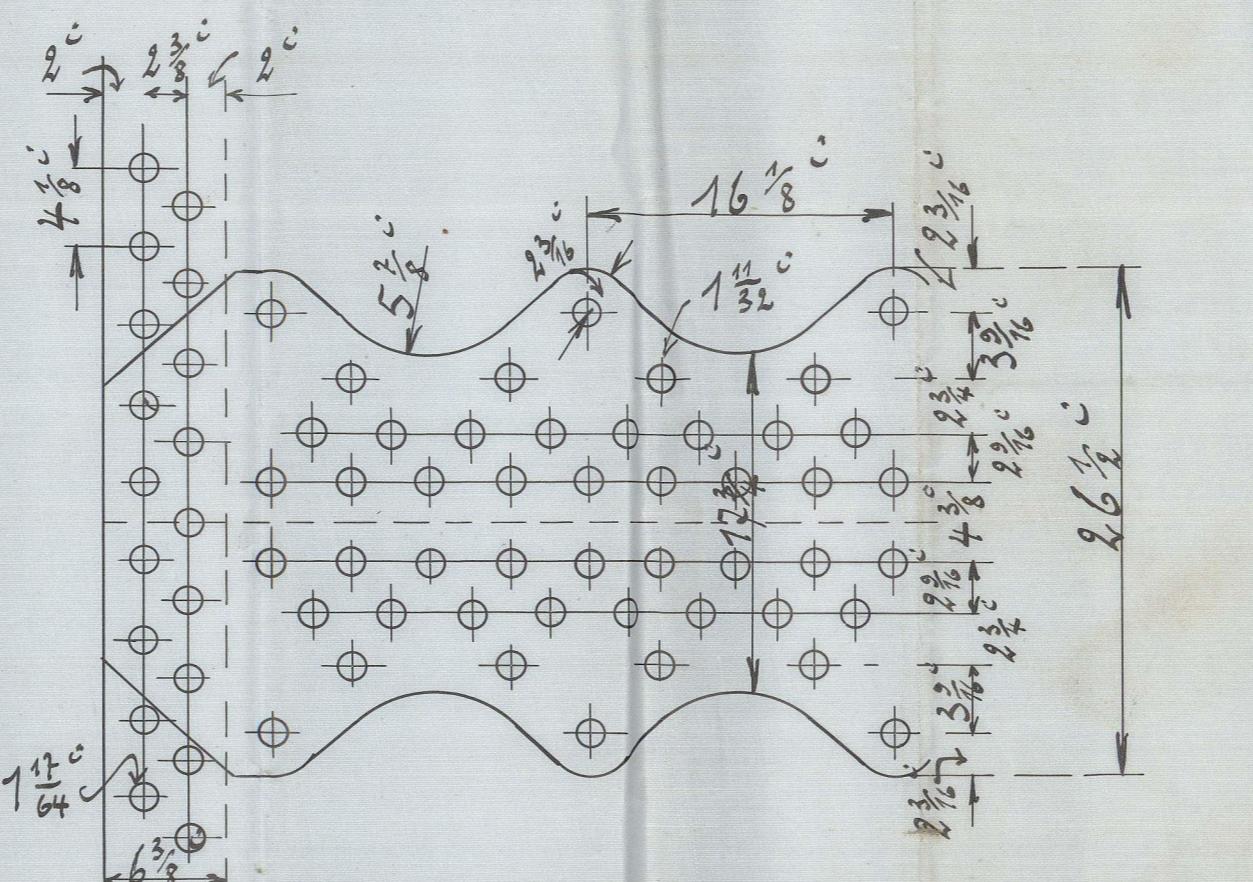
John C. Ticklenborg At.

To be classified 100 ft 1 steel.

## Bremervörde-Großminde

26:340.

1:10.



No. 38902  
JOH. C. TECKLENBORG A.-G.  
SCHIFFSWERFT UND MASCHINENFABRIK  
BREMERHAVEN-GEESTEMÜNDE.